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FORM PTO 1449 (odified)		ATTY DOCKET NO. 4311.1300	APPLICATION NO. 09/651,243				
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT RICHARD REISMAN					
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FILING DATE August 30, 2000	GROUP 2171				
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
m ^a	5,835,897	11/10/98	Dang	705	1		
m ^a	5,748,945	5/5/98	Ng	703	23	RECEIVED DEC 28 2000	
				7		Technology Center	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ ORABSTRACT	
m ^a	WO 99/19816	4/22/99	PCT	G06F	17/30	YES	
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
m ^a	"How does inference find work?" available at http://www.infind.com/about.html as of 11/11/99						
	Kathleen Hall, "Ask Jeeves Takes Direct Hit", available http://www.gigaweb.com/Content/GIB/RIB-022000-00177.html , as of 2/19/00.						
	"Latest engines go vertical in search of relevant information", Harvard Computing Group Report, available at http://www.bettergetter.com/betterg/demo/whitepaper.jsp as of 12/20/99.						
	"About the W3-CorporaProject" available at http://www.essex.ac.UK/W3c/corpus_ling/about.html as of 8/24/00						
	"Language Translation" available at http://www-dse.doc.ic.ac.UK/~nd/surprise_97/journal/vol4/hks/trans.html as of 8/23/00						
	"Conclusion" available at http://www-dse.doc.ic.ac.UK/~nd/surprise_97/journal/vol4/hks/conclu.html as of 8/23/00						
m ^a	"Language Software," available at http://www-dse.doc.ic.ac.UK/~nd/surprise_97/journal/vol2/hks/lan_trans.html as of 8/23/00						
EXAMINER	W. Hall			DATE CONSIDERED	10/28/02		

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U.S. PATENT DOCUMENTS

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						RECEIVED DEC 28 2000 Technology Center 2100

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

m2	"Symmetry Health Data Systems Achieves Patent ETG and 'Dynamic Time Window' new industry standards." available at http://www.Symmetry-health.com/PR_Patent.html as of 6/21/00
m2	"Resource For The Semantic Web", available at http://www.semanticweb.org/resources.html as of 5/27/00
m2	Web Design Issues "What a Semantic Can Represent" available at http://www.w3.org/DesignIssues/RDFnot.html as of 12/8/00
m2	Bob Metcalfe, "Web Father Berners-Lee Shares Next-Generation Vision of the Semantic Web." InfoWorld Vol. 21, Issue 21, May 24, 1999.
m2	Tim Berners-Lee "The Meaning of a Document-Axioms of Web Architecture," available at http://www.w3.org/DesignIssues/meaning.html , Dated 1999, last modified January 24, 2000.
m2	Alexander Chislenko, "Semantic Web Vision Paper" Version 0.28, June 29, 1997, available at http://www.lucifer.com/~sasha/Articles/SemanticWeb.html .
m2	Tim Berners-Lee, "Semantic Web Road Map", September 1998, last modified October 14, 1998, available at http://www.W3.org/DesignIssues/Semantic.html .
m2	Tim Berners-Lee, "Semantic Web as a Language of Logic", 1998, last modified April 14, 2000, available at http://www.W3.org/DesignIssues/Logic.html .

EXAMINER

M. R.

DATE CONSIDERED

10/28/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.

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LIST OF REFERENCES CITED BY APPLICANT(S)
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>m</i>	<i>m</i>	"Semantic Search - The SHOE Search Engine", available at http://www.cs.umd.edu/projects/plus/SHOE/search/ , as of 5/29/00.
<i>↑</i>		"Telcordia™ Latest Semantic Indexing Software (LSI): Beyond Keyword Retrieval," available at http://lsi.research.telcordia.com/lsc/papers/execsum.html as of 12/11/00.
		Jeff Heflin et al., "Searching the Web with SHOE", Dept. of Computer Science, University of Maryland.
		"The SHOE FAQ", available at http://www.cs.umd.edu/projects/plus/SHOE/faq.html as of 5/29/00.
		Dagobert Soergel, Review of WordNet, D-Lib Magazine, October 1998, available at http://www.dlib.org/dlib/October98/10bookreview.html .
		Harold Boley, et al., "Tutorial on Knowledge Markup Techniques", August 22, 2000, available at http://www.semanticweb.org/knowmarktutorial/ as of 5/29/00.
		Paula J. Hane, "Beyond Keyword Searching - Oingo and Simpli.com Introduce Meaning-Based Searching," December 20, 1999, available at http://www.infotoday.com/newsbreaks/nbl1220-2.htm .
<i>✓</i>		Sharon Cleary, "Simpli.com Uses Linguistics to Help Web Engines Do Better Searches", Wall Street Journal Interactive Edition, February 7, 2000.
<i>m</i>		"Simplified Technology White Paper", available at http://www.simpli.com/search_white_paper.html .

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Mark L.

DATE CONSIDERED

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	RECEIVED SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

~	Reed Hellman, "A Semantic Approach Adds Meaning to the Web", Computer, December 1999.
↑	"What is 1 jump", available at http://www.1jump.com as of 11/11/99.
	"Alexa FAQ's", available at http://www.alexa.com /whatisalexa/faq.html as of 2/14/98.
	"1 jump for Windows features and benefits" available at http://www.1jump.com /featurebenefit.html as of 11/11/99.
	"1 jump company and contact information", available at http://www.1jump.com /corp.html as of 11/11/99.
	"Alexa User Paths", available at http://www.alexa.com /whatisalexa/user_paths.html. as of 2/14/98.
	John F. Ince, "Searching for Profits: The pioneers had to expand to make money. Will the next wave fare any better?" Upside, May 2000 available at http://www.upsidetoday.com .
	Jim Rapoza, "Alexa's Theory of Relativity Filtering analytical algorithms link to Web sites - relevant or not", PC Week Labs available at http://www.Zdnet.com /pcweek/reviews/0818/18alex.html as of 2/14/98.
	"1 jump Help menu", available at http://www.alexa.com
	BAA 00-07 Proposer Information Pamphlet: Agent Based Computing, available at http://www.darpa.mil/iso/ABC/BAA0007PIP.htm .
✓	GlobalBrain.net, Home Page, Background and Technology from GlobalBrain.net Web site www.GlobalBrain.net , June 1999.
~	"Real Name Temporarily Suspends Registration of Generics", from The Search Engine Report, January 4, 2000, from at http://searchenginewatch.internet.com/sereport/00/01-realnames.html .

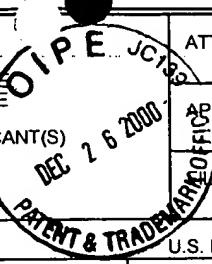
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
m	5,764,906	6/9/98	Edelstein et al.	709.5	219	
m	5,855,020	12/29/98	Kirsch	707	10	
m	5,751,956	5/12/98	Kirsch	709.5	203	
m	4,974,191	11/27/90	Amirghodsi et al.	704	55	
m	5,794,050	8/11/98	Dahlgren et al.	717	144/3	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	Tim Bray, "RDF and Metadata", from http://www.xml.com/xml/pub/98/06/rdf.html , 1998.
↑	Ora Lassila, "Web Metadata: A Matter of Semantics", IEEE Internet Computing, July-August 1998.
	Elizabeth Gardner, "Hollywood Marketers Debate Idea of URL for Every Movie", WebWeek, January 19, 1998.
	"Netword Receives Patent for Internet Keyword System", Netword.com Press Release, June 16, 1999.
	"Direct Hit Receives Funding From Draper Fisher Jarvetson", DirectHit.com Press Release, May 15, 1998.
	"Direct Hit Signs Deal With Wired Digital's Hot Bot for Popularity Engine", DirectHit.com Press Release, August 19, 1998.
	DirectHit.com, Company & Background Articles and Frequently Asked Questions, from http://system.directhit.com/ , October 1998.
↓	"Technology Overview" from DirectHit Web Site, www.directhit.com , printed June 1999.
	"Centraal Corporation Redefines Internet Navigation", Press release from realnames.com, March 12, 1998, http://company.realnames.com/iwrelease.asp .

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GR	5,224,205	6/29/93	Dinkin et al.	109	226	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

		"Centraal Corporation FAQ", from http://company.realnames.com/FAQ.asp , March 1998.
↑		Michael Tchong, "Centraal Debuts", 11-Mar-98 ICONOCAST, from http://company.realnames.com/iconocast.asp .
↑		"Access, Searching and Indexing of Directories (asid)", January 1998, from http://www.ietf.cnri.reston.va.us/html.charters/asid-charter.html .
		"GoTo.com, The First Ever Market-Driven Search Directory", GoTo.com Press Release, February 21, 1998, from http://www.goto.com/release.html .
		"URL Expansion Proposal", UseNet Thread, January 1996.
		Elizabeth Gardner, "Dislike Your URL? Now You Can Register a 'Netword'", WebWeek, August 18, 1997.
		"Netword LLC Receives Notice of Allowance", Netword.com press release, December 9, 1997.
		"Internet Keywords Give Consumers Direct Access to Online Resources", Netword.com Press Release, May 12, 1997.
		"Why Use Networds?", Netword.com Web Site, Company Profile, FAQs, February 1998 from http://www.netword.com .
		R. Fielding, "How Roy Would Implement URNs and URCs Today", Internet Draft of the Internet Engineering Task Force (IETF), July 7, 1995.
		J. Klensin et al., "Domain Names and Company Name Retrieval", Internet Draft of the Internet Engineering Task Force (IETF), July 29, 1997.
↓		K. Sollins, "Architectural Principles of Uniform Resource Name Resolution", Informational Memo, Internet Society, January 1998.
~		Tim Berners-Lee, "Web Architecture from 50,000 feet.", from http://www.w3.org/DesignIssues/Architecture.html , September 1998.

EXAMINER

DATE CONSIDERED

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August 30, 2000

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
✓	5,511,208	4/23/96	Boyles et al.	102	223	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	S. Kille, "Using the OSI Directory to Achieve User Friendly Naming", Request For Comments: 1781, Internet Society, March 1995.
✓	"Global Brain To Offer Profile Searching", The Search Engine Report, November 4, 1998.
✓	S. Chakrabarti, "Mining The Web's Link Structure", Computer (IEEE), August 1999.
✓	Julie Pitta, "!.com", Forbes, August 23, 1999.
✓	J. Zittrain, "Keyword: Obsolete", Wired, September 1998.
✓	Scot Finnie, "You Can Get Satisfaction: Try IE5", Windows Magazine-Online, June 1, 1999, Issue: 1006.
✓	"Internet Explorer 3.0 for Windows 3.1 and NT 3.51: Tips and Tricks", on Microsoft Website, 1997.
✓	"How To Search the Internet from the Address Bar In Internet Explorer", Microsoft Article ID: Q221754, www.microsoft.com, July 17, 1999.
✓	"Auto Search", from Microsoft Website, March 18, 1999.
✓	"Microsoft and Yahoo! Make Web Searches Easier For Microsoft Internet Explorer 3.0 Users Auto search to Feature Yahoo! Search Capabilities", Microsoft Media Alert, August 13, 1996.

EXAMINER

DATE CONSIDERED

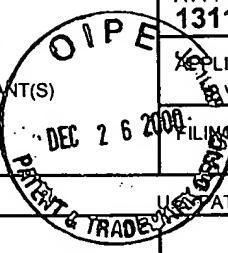
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.

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US PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,715,395	2/3/98	Brabson et al.	109	224	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>m</i>		Ask Jeeves sample query, from www.askjeeves.com , December 1999.
<i>T</i>		Ralph Swich et al., "Resource Description Framework (RDF)" and "Frequently Asked Questions about RDF", W3C Technology and Society Domain, printed September 30, 1998 from http://www.w3.org/RDF and http://www.w3.org/RDF/FAQ .
		"Why Use Google! Beta" and "Google! Beta Help" from http://www.google.com , 1999.
		"What is Ask Jeeves", from http://www.askjeeves.com/docs/about/whatisaksjeeves.html , 1999.
		"NBC's Snap.Com and GlobalBrain.Net Unveil Sophisticated New Technology And Services to Harness the Brain Power of Internet Users", http://www.globalbrain.net/html/release.html , June 14, 1999.
		GlobalBrain.net, Corporate-Technology, at http://www.globalbrain.net/html/technology.html , 1998-99.
		M. MacLachlan, "Keywords Threaten Domain Name System", TechWeb, November 9, 1998.
		M. MacLachlan, "Netscape to Release Communicator 4.5 Beta", TechWeb, June 17, 1998.
		"Centraal Corporation: Company Background", from http://company.realnames.com/Backgrounder.asp , March 1998.
<i>✓</i>		Amy Dunlop, "Plotting an Internet Address Revolution", Internet World, March 12, 1998
<i>m</i>		Alex Lash, "A Simpler Net Address System", CNET NEWS.COM, March 12, 1998.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy form with next communication to applicant.

LIST OF REFERENCES CITED BY APPLICANT(S)
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,929,852	6/27/99	Fisher et al.	345	13	RECEIVED
	5,974,444	10/26/99	Konrad	709	201	DEC 29 2000
	6,029,192	2/22/00	Hill et al.	709	206	Technology Center 2
	6,067,539	5/23/00	Cohen	707	2	
	6,014,665	1/11/00	Culliss	707	5	
	6,006,222	12/21/99	Culliss	707	5	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

		"Startup Offers Net Addresses Sans Dots, Dashes", Reuters, March 13, 1998, from http://www.zdnet.com/zdnn/content/reut/0312/293902.html .
		Chris Sherman, "What's New With Web Search", onlineinc.com/onlinemag , pgs. 27-31.
		Jeff Pemberton, "Google Raises the Bar on Search Technology", Organizing the World's Information, onlineinc.com/onlinemag , pgs. 43-46.
		Greg. R. Notess, "The Never-Ending Quest Search Engine Relevance", May/June 2000, onlineinc.com/onlinemag , pgs. 35-38.
		Susan Feldman, "Find What I Mean, Not What I Say", May/June 2000, www.onlineinc.com/onlinemag , pgs. 49-56.
		"Up and Coming Search Technologies", May/June 2000, onlineinc.com/onlinemag , pgs. 75-77.
		"A.COMversation about Internet Search Engines", May 27, 2000, http://www.digitalmass.com/news/packages/click/roundtable1.html .
✓		Shumeet Baluja, Vibhu Mittal, Rahul Sukthankar, "High Performance Named-Entity Extraction", http://www.ph.tn.tudelft.nl/PRInfo/reports/msg00431.html , June 29, 1999, (abstract).

EXAMINER

Richard

DATE CONSIDERED

10/28/02

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